**TASK-5: IMPLEMENTING CONTINUOUS INTEGRATION FOR BACKEND**

**Goal**:

* Learn to build CI Pipeline in Azure Devops using YAML.

**1.** Make sure the latest **Dotnet** **Backend** codebase is Present in **Azure Repos**.

**2.** Have the clarity of the Dotnet Build steps.

* Packages are Restored (with the help of Nuget Tool)
* Build Happens (With the help of Build tool)
* Publish happens (With the help of Build Tool)

**3.** Create a Build Pipeline using **Yaml**.

**4.** The Build Pipeline should be **triggered** whenever there is a modification in the master branch of the repository.

**5.** Create 1 Pipeline to run on **Microsoft-Hosted agent**.

**6.** Create a new **VM**.

**7.** Create a New **Agent** **Pool** in Azure Devops.

**8.** Add this VM as an agent by installing necessary Tools like **Git, Dotnet SDK 3.1**

**9.** Create a Build Pipeline to run on **Self-Hosted Agent**.